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(54) Title: METHODS AND COMPOSITIONS FOR TREATING DIABETES MELLITIS

(57) Abstract: Methods for modulating diabetes, impaired glucose tolerance, gestational diabetes and glucose resistance in a mammal, particularly a human. In one embodiment the method comprises administering a gallotannin composition to a mammal in need of the same. The gallotannin composition comprises one or more select hydrolysable gallotannins. In another embodiment the method comprises administering a gallotannin variant composition comprising one or more select gallotannin variant compounds to the subject. Methods of preventing or treating weight gain in a subject. The method comprises administering the gallotannin composition of the present invention, the gallotannin variant composition of the present invention, or a combination of the gallotannin composition of the present invention and the gallotannin variant composition of the present invention to the subject. The present invention also relates a gallotannin variant compound or a salt thereof, and a pharmaceutical composition comprising such compound or the salt thereof.

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